

PROCEDURE FOR VERIFYING TIMERS
(AASHTO T 72, T 201, and T 202)

A. PURPOSE

This procedure provides instructions for checking the accuracy of timing devices.

B. APPARATUS REQUIRED

1. Timer, readable to 0.1 sec., having a verified accuracy within the tolerance listed in above test methods.

C. PROCEDURE

1. Hold the calibrated timer in one hand and the timer to be checked in the opposite hand.
2. Start the timers simultaneously by pressing the “start” buttons at the same time.
3. Allow the timers to run for at least 15 minutes, then stop the timers simultaneously. Record the time indicated by both timers.
4. Record the difference between the two timers. Calculate and record the percent accuracy.

$$\% \text{ Accuracy} = \frac{(A-B)}{B} \times 100$$

A = Reading on lab timer (seconds)

B = Reading on standard timer (seconds)

D. TOLERANCE

Timer is to be accurate to within 0.1% when tested over a 60 minute interval.

Verification Procedure: OMR-CVP-53 / AASHTO T 72

[illegible]